Hunters Point Shipyard

ENVIRONMENTAL CLEANUP NEWSLETTER

June 2000

RESTORATION ADVISORY BOARD PLAYS VITAL ROLE

Reviewing technical documents, providing input, relaying information to the community—making a difference. These are just some of the activities that define the mission of the community-based Hunters Point Shipyard Restoration Advisory Board (RAB) which is playing an increasingly vital role in the environmental cleanup efforts at the Shipyard.

The RAB was established in 1994 to increase public participation in the environmental restoration program and to serve as a focal point for the exchange of information between the Navy and the local community. The RAB, comprised of local citizens and representatives of various environmental organizations, meets monthly with representatives from the Navy, U.S. EPA, Cal-EPA's Department of Toxic Substances Control, Regional Water Quality Control Board, and the City of San Francisco.

To learn more about the cleanup activities at Hunters Point Shipyard, you are invited to attend monthly RAB meetings that are generally held on the fourth Thursday of each month from 6:00 p.m. to 8:00 p.m., at the Bayview Police Station Community Room, 201 Williams Street, San Francisco (location is subject to change). The upcoming RAB meetings are scheduled for: June 22nd (see page 10), July 27th, August 24th, and September 28th. For more information contact Mr. Richard G. Mach, Jr., the BRAC Environmental Coordinator (see contact information on page 9). Individuals who are interested in joining the Restoration Advisory Board or who would like additional information are invited to mail in the form (last page of newsletter).

Further information about the RAB meetings, such as meeting minutes and transcripts, can be found at www.efdsw.navfac.navy.mil/dep/env/PAGES/hpoint.htm.

UPCOMING COMMUNITY MEETING—SEE PAGE 10

What is Hunters Point Shipyard?

Hunters Point Shipyard is a deactivated shipyard located in southeastern San Francisco on San Francisco Bay consisting of approximately 936 acres, of which 493 acres are land-based with the remaining acreage under water. From 1869 through 1939, Hunters Point was operated as a commercial drydock until the United States government purchased the land in 1939 and began performing shipbuilding, repair, and maintenance activities. Activities shifted from ship repair to submarine servicing and testing after World War II. The Navy deactivated the Shipyard in 1974 and it remained relatively unused until 1976. Between 1976 and 1986, the Navy leased most of the property to a private ship repair firm. In 1986, the Navy began a program to investigate and clean up contamination caused by past activities.

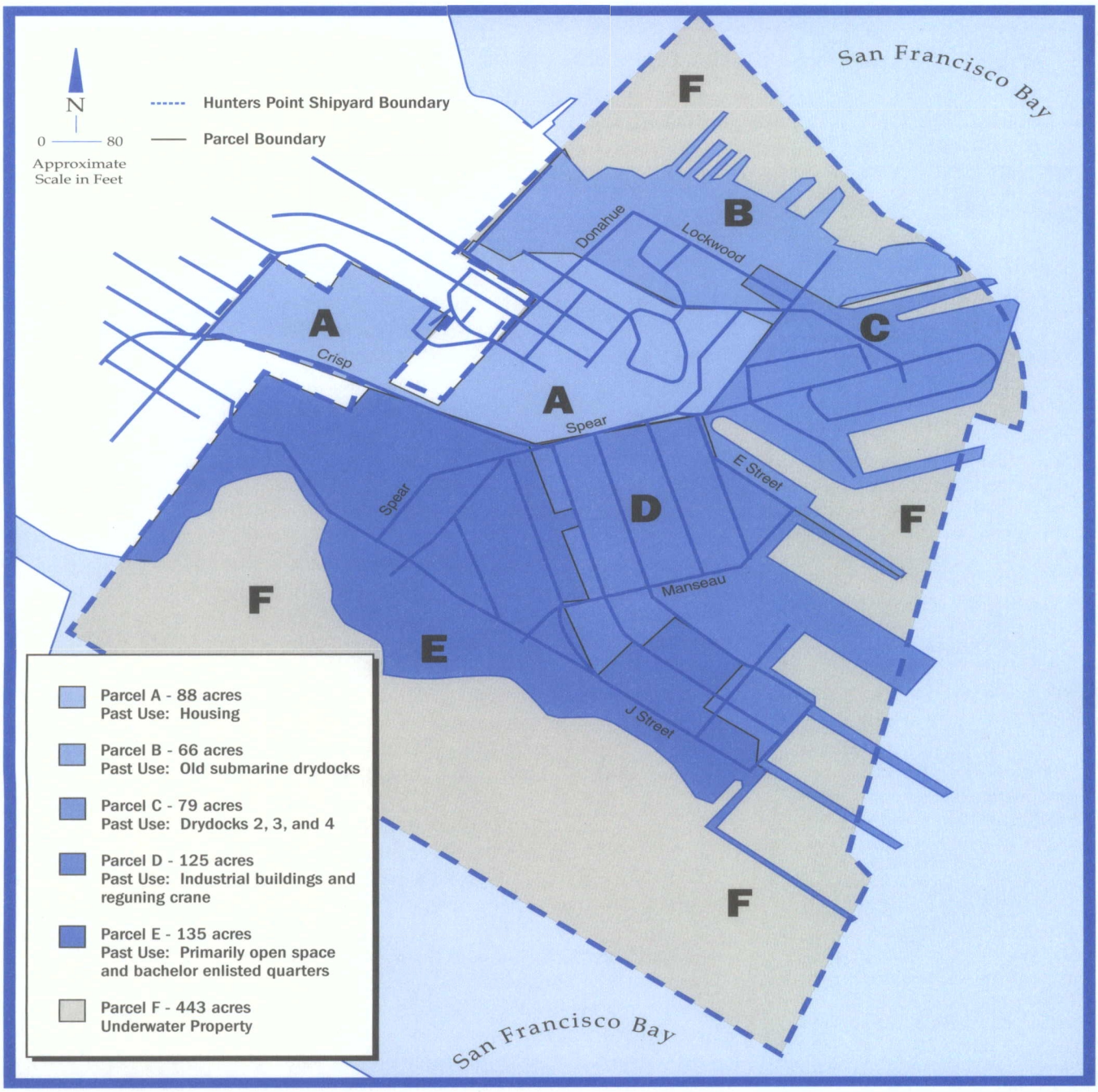
In 1987, the Navy began conducting studies that confirmed contamination at several locations at the Shipyard. Studies also determined that the Shipyard was located within the proximity of an off-site drinking water source (the aquifer used by the Albion Springs water bottling company). These findings resulted in the U.S. Environmental Protection Agency (U.S. EPA) placing Hunters Point Shipyard on the National Priorities List (NPL) in 1989, which designated the Shipyard as a federal "Superfund" site. In 1991, the Department of Defense (DoD) listed the Shipyard for closure under the Base Realignment and Closure (BRAC) process.

In January 1992, the BRAC Cleanup Team (BCT) comprised of the Navy, the U.S. EPA, the California Department of Toxic Substances Control (DTSC), and the California Regional Water Quality Control Board (RWQCB), entered into a Federal Facility Agreement (FFA) to coordinate the environmental investigation and cleanup of the shipyard. The FFA agreement divided the Shipyard into six parcels (Parcels A through F) to more effectively manage the cleanup effort and expedite the restoration and transfer of Hunters Point Shipyard to the City of San Francisco. The BCT serves as the primary forum for assessing cleanup priorities and progress to protect human health and the environment. The BCT reaches consensus on issues regarding the Shipyard's environmental activities and makes a concerted effort to integrate reuse into cleanup decisions.

In 1994, the Navy's Engineering Field Activity, West (EFA West) assumed management of the property. Five years later in 1999, management of Shipyard cleanup activities was transferred to Southwest Division Naval Facilities Engineering Command (SWDIV) based in San Diego.

This environmental cleanup newsletter is the first in a new series of quarterly newsletters for Hunters Point Shipyard. To best serve the community, the Navy will be providing the public with periodic updates of environmental activities underway at the Shipyard. The focus of this edition of the newsletter is to bring readers up-to-date on the status of the cleanup program at the six parcels. Future newsletters will keep readers informed of project progress and key milestones.

Hunters Point Shipyard Parcel Boundaries



Parcel Description and Status

After extensive investigation of soil, groundwater, and surface water at the Shipyard, the Navy has compiled considerable data for use in human health and ecological risk assessments to determine if cleanup is needed, and if so, to what extent. The Navy's Installation Restoration (IR) Program investigation and cleanup process is applied at Hunters Point Shipyard and the steps of this process are summarized in the figure on page 5. The Navy implements the IR Program in a manner consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) (commonly referred to as Superfund), as implemented by the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). Brief descriptions of past use, investigation and cleanup accomplishments, and upcoming activities for each of the parcels are presented.

PARCEL A

DESCRIPTION/PAST USE

- Approximately 88 acres that were primarily used for military housing.
- Consists of four IR sites that were assessed for chemical contamination. Chemical contaminants detected in soil and groundwater include semivolatile organic compounds (SVOCs), pesticides, diesel, motor oil, and metals.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- IR steps completed: Preliminary Assessment/ Site Inspection, Remedial Investigation, Feasibility Study, and Proposed Plan.
- BCT signed Record of Decision that summarizes decision that no further cleanup is required at Parcel A (November 1995).
- BCT approved the final Finding of Suitability to Transfer (FOST). This document certifies that the property is ready for transfer (March 2000).

WHAT'S NEXT?

- Parcel A will be ready for transfer to the City of San Francisco (June 2000).

PARCEL B

DESCRIPTION/PAST USE

- Approximately 66 acres consisting of northeast shoreline and lowland coast that were primarily used for offices, commercial buildings, warehouses, and submarine dry-docks.
- Consists of 15 IR sites that were investigated for chemical contamination. Chemical contaminants detected in soil and groundwater include volatile organic compounds (VOCs), SVOCs, pesticides, polychlorinated biphenyls (PCBs), gasoline, oil, and metals.
- Sources of contamination are leaks from sumps, fuel lines, above ground and underground storage tanks, and electrical transformers containing PCBs. Other sources include releases of waste oil onto the ground, releases of contaminants to the storm drain system via floor drains, and sandblast material.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- IR steps completed: Preliminary Assessment/ Site Inspection, Remedial Investigation, Feasibility Study, Proposed Plan, and Public Comment Period.
- Storm drain cleaning was conducted in Parcel B, and throughout the facility, to reduce the potential for migration of contaminated sediments to San Francisco Bay (1996 and 1997).
- Exploratory excavations at five areas in Parcel B resulted in the removal of approximately 1,670 cubic yards of contaminated soil (1996 and 1997).
- Removal action at IR-06 consisted of the removal of 4,220 cubic yards of contaminated soil (1996 and 1997).
- BCT signed Record of Decision that selected cleanup remedy for Parcel B (October 1997).
- Remedial Design was finalized and Remedial Action began (July 1998). Cleanup of the 103 designated areas removed 64,000 cubic yards of contaminated soil, which was transported to a licensed off-site disposal facility. This action completed the cleanup of 43 of the 103 areas.
- The Navy modified Parcel B cleanup values based on a revised nickel background calculation and new U.S. EPA toxicological information of soil contaminants; for more information see page 6. A draft Explanation of Significant Differences (ESD), that updates these cleanup values, was submitted for BCT/public review. The BCT signed the final ESD (May 10, 2000).
- Navy contractors revised sampling and analysis plans for soil cleanup; remobilized and resumed cleanup operations (May 2000).

WHAT'S NEXT?

- Continue efforts to cleanup the remaining 60 excavations and keep the community informed of project progress through completion.
- The draft Land Use Control Implementation Plan (LUCIP) was submitted for BCT review (June 2000). This document specifies responsibilities for oversight after property transfer.
- Continue groundwater monitoring per the ROD.

PARCEL C

DESCRIPTION/PAST USE

- Approximately 79 acres of northeast central shoreline and lowland coast that were used almost exclusively for industrial purposes since the late 1800s.
- Consists of 13 IR sites that were investigated for chemical contamination. Chemical contaminants detected in soil and groundwater include VOCs, SVOCs, pesticides, PCBs, gasoline, and metals.
- Identified sources of these chemicals include leaking sumps, leaking fuel lines and underground storage tanks, sandblast material, and leaking PCB-containing transformers.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- IR steps completed: Preliminary Assessment/ Site Inspection, Remedial Investigation, Draft Feasibility Study, Treatability Study, and Draft Final Feasibility Study.
- Exploratory excavations at six areas in Parcel C resulted in the removal of approximately 615 cubic yards of contaminated soil (1996 and 1997).
- Dry Dock 4 sediment removal was conducted in two drainage culverts that run the length of the dry dock. The Navy proposes cleaning out additional portions of the culverts as part of the Parcel C remedial action activities.
- New scientific research has resulted in updated U.S. EPA toxicity values and regulatory guidance, therefore, the BCT agreed to reconsider the approach for Parcels C and D. As a result, Parcel C underwent a risk management review process.
- The sampling and analysis plan to collect additional groundwater information at Parcel C was submitted to the BCT on May 26, 2000. Field sampling is scheduled to start on June 30, 2000.

WHAT'S NEXT?

- The draft final Risk Management Review Report is due to the BCT on September 15, 2000.
- Additional plans will be prepared to perform a soil-gas survey and a treatability study.
- A revised Feasibility Study, Proposed Plan, and a Record of Decision will be prepared.

PARCEL D

DESCRIPTION/PAST USE

- Approximately 125 acres of southeast central shoreline and lowland coast that were primarily used for shipping, ship repair, offices, and commercial buildings.
- Consists of 20 IR sites that were investigated for chemical contamination. Chemical contaminants detected in soil and groundwater include VOCs, SVOCs, PCBs, gasoline, diesel, and metals.
- Identified sources include leaking sumps and floor drains, leaking underground storage tanks, leaking steam lines containing waste oils, release of waste oils and petroleum hydrocarbons to the ground surface, sandblast material, leaking pickling tanks containing acids, and leaking PCB-containing transformers.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- IR steps completed: Preliminary Assessment/ Site Inspection, Remedial Investigation, Feasibility Study, Proposed Plan, and Draft Record of Decision.
- Exploratory excavations at four areas in Parcel D resulted in the removal of approximately 350 cubic yards of contaminated soil (1996 and 1997).
- Soil remediation for radioactive contamination at Building 364 (February 1996) and the removal of equipment, contaminated soil, and dip tanks at the Pickling and Plate Yard (IR-09) (1995).
- Parcel D underwent a risk management review process.
- A sampling and analysis plan for additional soil investigation at Parcel D was submitted to the BCT in April 2000. Sampling was completed in May 2000.
- A sampling and analysis plan for additional groundwater information at Parcel D was submitted to the BCT on May 26, 2000. Field sampling is scheduled to start on June 30, 2000.

WHAT'S NEXT?

- The draft final Risk Management Review Report is due to the BCT on June 20, 2000.
- A revised Feasibility Study, a Proposed Plan, and a Record of Decision will be prepared.

PARCEL E

DESCRIPTION/PAST USE

- Approximately 135 acres of south shoreline and lowland coast that were used for storage and radiological laboratories. The surface and near surface soil in Parcel E is predominantly artificial fill taken from Parcel A. An industrial landfill is located in the northwest end of the parcel, and contains domestic and industrial waste, including sandblast and construction debris.
- Consists of 23 IR sites that were investigated for chemical contamination. Chemical contaminants include VOCs, SVOCs, TPH, PCBs, cesium, radium, and metals.
- Identified sources include a part of the industrial landfill, former oil reclamation ponds, leaking aboveground and underground storage tanks, surface waste disposal sites (for example, waste oils and PCBs), sandblast waste, and scrap yards.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- IR steps completed: Preliminary Assessment/ Site Inspection, Remedial Investigation, and Draft Feasibility Study.
- Exploratory excavations at one area in Parcel E resulted in the removal of approximately 36 cubic yards of contaminated soil (1996 and 1997).
- Source control at two sites consisting of the installation of 1,800 linear feet of sheet piling to address groundwater and soil contamination (IR-1/21 and IR-03) (June 1997 to July 1998).

- The draft final Parcel E Ecological Risk Assessment Validation Study and the Protective Soils Concentration Study were submitted to the BCT (March 2000).
- A radiological investigation has been conducted at two sites on Parcel D and two sites on Parcel E.
- Parcel E underwent a risk management review process.

WHAT'S NEXT?

- A draft Action Memorandum for a time-critical removal action of the cesium spill sites is scheduled for June 26, 2000 (this also includes one site in Parcel D).
- A Groundwater Summary Report, Risk Management Review Technical Memorandum, Revised Feasibility Study, Proposed Plan, and Record of Decision will be prepared.

PARCEL F

DESCRIPTION/PAST USE

- Approximately 443 acres of lands under the water of the San Francisco Bay. In 1996, the under water land became officially known as Parcel F.
- Offshore contaminants of potential concern that have been detected include SVOCs, pesticides, PCBs, polynuclear aromatic hydrocarbons (PAHs), and metals.
- The Navy is coordinating Parcel F activities in the San Francisco Bay-wide sediment work group, which is investigating the quality of sediments in close proximity to the Navy bases along San Francisco Bay.

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

- A draft Validation Study workplan is being reviewed by the BCT (May 2000). The Validation Study will update data gaps from the Remedial Investigation.

WHAT'S NEXT?

- Sediment sampling is scheduled to begin in August 2000.
- A Validation Study Report, Feasibility Study, Proposed Plan, and Record of Decision will be prepared.

BASEWIDE

- The Parcel A remedial investigation (September 1995) demonstrated that groundwater at Parcel A occurs only in isolated fractures in the bedrock. The regulatory agencies concurred with the Navy's conclusion as documented in the Parcel A Record of Decision (November 1995). In addition, the Albion Springs source is physically separated from the bedrock groundwater at the other HPS parcels by the bedrock groundwater at Parcel A. Therefore, the Navy and the regulatory agencies concluded that groundwater contamination at HPS does not affect the Albion Springs drinking water source. Parcel A has been de-listed from the National Priorities List.
- Basewide monitoring well survey was completed on April 10, 2000.
- Storm drain cleaning was conducted throughout the Shipyard to reduce the potential for migration of contaminated sediments to San Francisco Bay (1996 and 1997).
- Removed 44 underground storage tanks (USTs) and closure in place of 4 USTs (1991 and 1993).
- Removed 11 aboveground storage tanks (ASTs) including a 630,000-gallon fuel oil tank (1993).
- Recycled 5,100 tons of spent sandblast grit into asphaltic concrete (June 1994 and October 1995).

Installation Restoration Program Process

Preliminary Assessment/ Site Inspection (PA/SI)	Remedial Investigation (RI)	Feasibility Study (FS)	Proposed Plan/Public Comment Period	Record of Decision (ROD)/ Responsiveness Summary	Remedial Design	Remedial Action	Property Transfer and Reuse
The PA/SI results in the discovery and verification of potential sites.	The RI identifies and confirms the sources and areas of soil and groundwater contamination.	The FS identifies remedial alternatives for soil and groundwater cleanup.	The public has the opportunity to comment on the preferred remedy and other proposed alternatives.	The selected remedial alternative and responses to public comments are documented in the ROD.	Detailed specifications for the selected remedies are developed.	A qualified contractor begins the closure actions according to specifications.	A finding of suitability to transfer (FOST) is prepared.

Note: The Navy's IR Program is consistent with the guidelines outlined in CERCLA and the NCP. Interim actions referred to as Removal Actions, may be performed at sites at any point in this process. The Navy is meeting with the BCT in June 2000 to determine where expedited actions can be performed to speed the cleanup of Hunters Point Shipyard. (See article on page 7 for more information on these options.)

Navy Resumes Field Work at Parcel B

The Navy has been working with the community and regulatory agencies over the past five months to expedite completion of the cleanup of Parcel B. In this time, the team has revised the background calculation for one of the metals at the Parcel, nickel.

Further, the Navy has updated additional cleanup levels for several chemicals based on the latest science regarding these chemicals. The U.S. Environmental Protection Agency (U.S. EPA) publishes preliminary remediation goals (PRGs) annually based on the most recent science available.

The Navy has incorporated both the revised nickel background level and PRGs into the Record of Decision (ROD) in a document called an Explanation of Significant Differences (ESD). This document was finalized on May 10, 2000 and is available to the public in the two information repositories (refer to page 10 for more information).

The Navy has also prepared a revised sampling plan, which is under regulatory review through June 2000. In the interim, the Navy remobilized to the field in May 2000 to begin implementation of this sampling plan in an effort to expedite the cleanup of Parcel B.

Normally, the Navy would wait for approval of the sampling plan before beginning fieldwork. However, the Navy, knowing the priority of this Parcel, has begun this work concurrently with regulatory review, anticipating approval of the plan. This approach has the potential to expedite completion of the cleanup by two months.

Soil sampling adjacent to San Francisco Bay

All comments received from the regulatory agencies will be addressed before completion of the sampling efforts and before proceeding with cleanup activities (soil excavation). The Navy anticipates beginning cleanup efforts as early as July 2000, which is two months earlier than scheduled. This topic has been presented at the past six RAB meetings and is a standing agenda topic for future meetings until completion of the cleanup.

U.S. EPA TOXICOLOGISTS REVISE CLEANUP CRITERIA

New scientific research, conducted in 1998 and 1999 within the scientific community, demonstrates that several of the main contaminants of concern at Hunters Point Shipyard are not as harmful as initially believed. These contaminants include metals such as beryllium, polynuclear aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). Therefore, the value attached to a chemical that indicates its potential impact to humans, referred to as "toxicity values," were adjusted.

The new toxicity values are based on conservative assumptions; for example, all of the possible ways people could be exposed to the contaminants were factored into the evaluation of the contaminants' potential risks. These include inhalation, skin contact, and consumption of contaminants. The U.S. EPA subsequently issued updated Preliminary Remediation Goals (PRGs) in 1999, based on the published and accepted data, that incorporates these new toxicity values.

Navy Accelerates Additional Groundwater Evaluations at Parcels C and D

The Navy has been working with the community and regulatory agencies over the past three months to develop a strategy to further evaluate the groundwater conditions at Parcels C and D. A sampling plan was presented to the regulatory agencies in May 2000 and is under review. This action has several goals as outlined below:

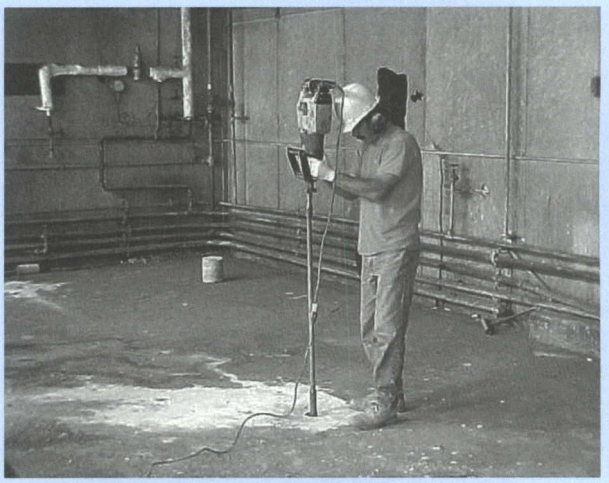
- Verify contaminant concentrations within groundwater (vertical and horizontal)
- Confirm the groundwater flow directions at Parcels C and D
- Identify outside sources affecting groundwater flow (i.e. water line leaks and sewer lift station A)
- Verify beneficial uses of groundwater per Federal and State criteria
- Evaluate appropriate cleanup technologies applicable to these sites

Following approval of the sampling plan, the Navy anticipates beginning fieldwork on this project in July 2000. This evaluation will span the wet (rainy) season and dry season. Completion of the groundwater evaluation is expected by December 2000. Also, the Navy will begin technology treatability evaluations this summer to expedite implementation of cleanup technologies during the Feasibility Study process. This plan was presented to the RAB in April 2000.

NAVY SEEKS EXPEDITED CLEANUPS AT SEVERAL AREAS

The Navy has been evaluating areas within the various Hunters Point Shipyard Parcels where expedited cleanup actions could be implemented. The Navy will be meeting with the regulatory agencies in June 2000 to prioritize these expedited actions and begin scheduling these actions within the Federal Facility Agreement (FFA). These expedited actions would be performed as both removal actions and treatability studies. Some of the potential expedited actions include:

- **Removal action at Parcel D to begin cleanup of soils, similar to (and following) Parcel B cleanup**
- **Removal action at Parcel C to begin cleanup of soils, similar to (and following) Parcel D cleanup**
- **Removal action at Parcels C and D to remove the fuel and steam distribution pipelines**
- **Removal action at Parcel C, Dry Dock 4 to complete the clean out of the drainage culverts**
- **Removal action at Parcels D and E to cleanup the cesium areas**
- **Treatability study at Parcel C to evaluate soil cleanup options for volatile organic compounds**
- **Treatability study at Parcel C to evaluate groundwater cleanup options for volatile organic compounds**



Soil sampling within a building

The Navy anticipates expediting many of these cleanup actions over the next six months. These actions have the potential to reduce the cleanup and transfer duration timeframes by two to three years. An update of these proposed expeditious efforts will be provided at upcoming RAB meetings and in the next quarterly newsletter.

Employment Opportunities

PAST INVOLVEMENT

The Navy strives to include the local community in the cleanup of Hunters Point Shipyard. The Navy and its contractors have been working diligently with the community to include them in past and future work. Concerns voiced by the community have been heard, such as the need to ensure cleanup monies go into the neighborhoods and to the members of the community instead of to local Hunters Point mailboxes and then outside of the neighborhoods. It is the Navy's intention to build upon lessons learned in the past with respect to getting the community involved.

Cleanup work has been performed by the Navy's Remedial Action Contractor, IT Corporation (IT), as well as a variety of subcontractors to IT. Subcontracts totaled 72 percent of the dollars spent by IT for work at Hunters Point Shipyard. Approximately $6 million were awarded to local Hunters Point/Bayview firms assisting the local economy and businesses. A variety of material, equipment, and supplies were procured as well as subcontracted services for significant scopes of work.

WHAT'S COMING UP

Training Opportunities. IT anticipates future training opportunities for upcoming environmental field work. IT previously conducted on-site training classes to teach the required skills to successfully perform work at the Shipyard. These classes focused on trenching and shoring and competent person certification. Billing and accounting assistance was provided to local firms to ensure that local firms' invoices were accurate and expedited for payment.

Type of Work. Contaminated soil removal, lead and asbestos abatement and removal, groundwater well installation, environmental sampling, transportation of contaminated soil and clean backfill material, underground utility location, land surveying, and various services including rental equipment, security services, and janitorial services.

Type of Skills. General labor, equipment operators, land surveying, clerical, engineering, geology, and chemistry.

HOW TO LEARN MORE

In preparation for upcoming cleanup work, the Navy's contractor is working with local agencies to find residents interested in obtaining employment.

- Direct hiring of skilled and craft labor—Contact Mr. Jesse Mason of the Bayview Hunters Point Community Advocates at (415) 671-2862 for information on upcoming jobs. Information on potential candidates will be forwarded to the Navy's contractor, IT.
- Vendor and subcontractor Open House tentatively scheduled from 10:00 a.m. to 2:00 p.m. on Tuesday, June 13, 2000 at Business Development, Inc. (BDI) located at 1790 Yosemite Avenue, 2nd floor, San Francisco—Contact Mr. Michael Williams of BDI at (415) 671-2150 phone, (415) 671-2156 fax, or at www.busdevelopinc.com for information on the Open House and upcoming jobs. Local vendors and subcontractors are invited to attend the Open House—prequalification packages and requests for proposal (RFPs) will be provided.

LOCAL BUSINESSES THAT WERE SUBCONTRACTED BY NAVY HUNTERS POINT CONTRACTORS IN THE PAST INCLUDE

ALBION DRINKING WATER
BAY CITIES ICE CO.
BEDROCK READY MIX
BIG ED'S BARBECUE
BIG J TRUCKING
BLACK BEAR SECURITY
CARPENTER RIGGING
CRESCO
ENVIROCURE TRUCKING
FAMILIAN PIPE SUPPLY
GOODMAN'S LUMBER
GONZALES STEEL DRUM
GRAINGER SUPPLY
HERTZ/BIG FOUR RENTALS
MACCON MASONRY SUPPLY
MARINSHIP CONSTRUCTION
MCCOY'S PATROL SERVICE
MENDELIAN CONSTRUCTION
MICHAEL J TRUCKING
MILLER THOMPSON CONSTRUCTION
MR. JANITORIAL SERVICE
NAPA (EVANS STREET)
OFFICE MAX (BAYSHORE BLVD)
PEAK ENGINEERING
POTTER ELECTRIC
S AND S TRUCKING
SHELL AND UNOCAL (EVANS AND 3RD STREET)
SMITH AND EMERY LABS
TURNKEY CONSTRUCTION
WAGNER CONSTRUCTION
WALGREEN'S (BAYVIEW PLAZA)
WHITE CAP SUPPLY
ZAK'S ROCKET CAFÉ

Agencies and Organizations Involved in the Environmental Cleanup Program

Below is contact information for the Navy representatives, regulatory agency project managers, and RAB Community Co-chairs. These personnel would be able to address all concerns regarding the environmental investigation, cleanup, community outreach, and property transfer.

CONTACT INFORMATION FOR NAVY, REGULATORY AGENCIES, AND RAB CO-CHAIRS

Name/Title	Organization	Phone	Address	E-mail
Mr. Richard G. Mach, Jr. BRAC Environmental Coordinator	Naval Facilities Engineering Command, Southwest Division	(619) 532-0913 (650) 244-3144	1230 Columbia St. Suite 1100 San Diego, CA 92101	machrg@ efdsw.navfac.navy.mil
Mr. Dave DeMars Lead Remedial Project Manager	Naval Facilities Engineering Command, Southwest Division	(619) 532-0912	1230 Columbia St. Suite 1100 San Diego, CA 92101	demarsdb@ efdsw.navfac.navy.mil
Ms. Claire Trombadore Project Manager for Parcels A, B, and D	U.S. Environmental Protection Agency	(415) 744-2409	75 Hawthorne Street (SFD-8-2) San Francisco, CA 94105	trombadore.claire@ epa.gov
Ms. Sheryl Lauth Project Manager for Parcels C, E, and F	U.S. Environmental Protection Agency	(415) 744-2387	75 Hawthorne Street (SFD-8-2) San Francisco, CA 94105	lauth.sheryl@ epa.gov
Mr. Chein Kao Project Manager	California Department of Toxic Substances Control	(510) 540-3822	700 Heinz Avenue Suite 200 Berkeley, CA 94710	ckao@dtsc.ca.gov
Mr. Brad Job Project Manager	California Regional Water Quality Control Board	(510) 622-2400	1545 Clay Street Suite 1400 Oakland, CA 94612	lbj@rb2.swrcb.ca.gov
Ms. Jill Fox RAB Community Co-chair	India Basin Neighborhood Association	(415) 285-9211	c/o HPS BRAC Environmental Coordinator 1230 Columbia St. Suite 1100 San Diego, CA 92101	jillo@sirius.com
Ms. Dorothy Peterson RAB Community Co-chair	Hunters Point Resident	(415) 648-0661	c/o HPS BRAC Environmental Coordinator 1230 Columbia St. Suite 1100 San Diego, CA 92101	none currently
Ms. Caroline Washington RAB Community Co-chair	Hunters Point Resident	(415) 822-9392	c/o HPS BRAC Environmental Coordinator 1230 Columbia St. Suite 1100 San Diego, CA 92101	none currently

UPCOMING COMMUNITY MEETING—THURSDAY, JUNE 22, 2000, 5:30 P.M. TO 8:30 P.M.
SOUTHEAST COMMUNITY CENTER

To enhance the opportunity for community participation the Citizen's Advisory Committee (CAC) and Project Area Committee (PAC), in conjunction with the Hunters Point Shipyard Restoration Advisory Board (RAB), have organized a community outreach meeting. This meeting will be held from 5:30 p.m. to 8:30 p.m., Thursday, June 22, 2000 at the Southeast Community Center located at 1800 Oakdale Avenue in the Bayview community of the City of San Francisco.

This meeting is a follow-up meeting to the June 3, 2000 workshop sponsored by the CAC, PAC, and the RAB that focused on the environmental cleanup program at HPS. Although the agenda for the June 22, 2000 meeting is being developed, it is anticipated that the topics will include an overview of the HPS, an update of the investigation and cleanup progress at each parcel, insight on what's ahead for HPS, and information on how to get involved in the environmental restoration of HPS.

All interested public are welcome to attend and participate. Hope to see you then!

Note: The joint CAC/PAC/RAB meeting held from 5:30 p.m. to 8:30 p.m. on Thursday, June 22, 2000 at the Southeast Community Center located at 1800 Oakdale Avenue, San Francisco, will be held in lieu of the regular monthly RAB meeting which was scheduled for June 22, 2000.

For More Information

Your concerns, comments and questions are important and welcomed. To reach us please contact the BRAC Environmental Coordinator for Hunters Point Shipyard: Mr. Richard G. Mach, Jr., P.E. BRAC Office, 1230 Columbia Street, Suite 1100, San Diego, CA 92101; e-mail: machrg@efdsw.navfac.navy.mil; call (619) 532-0913 or voice mail (650) 244-3144; or fax (619) 532-0995.

In addition to the administrative record file that is maintained by Southwest Division Naval Facilities Engineering Command (SWDIV), the Navy maintains two information repositories for Hunters Point Shipyard that contain project documents, fact sheets, and other reference materials. The Main Library in downtown San Francisco contains copies of all documents related to the cleanup of Hunters Point Shipyard and the Bayview Branch Library contains copies of the major investigations for each parcel as well as documents that relate to more current activities. The Navy encourages you to review the documents prepared for Hunters Point Shipyard to gain a more complete understanding of the investigations.

CITY OF SAN FRANCISCO MAIN LIBRARY
Science, Technical, and Government Documents Room
Civic Center
San Francisco, CA 94102
(415) 557-4400

BAYVIEW/ANNA E. WADEN BRANCH LIBRARY
5075 Third Street
San Francisco, CA 94124
(415) 715-4100

Cut here, trifold, and close flap with tape.

◆ Notice ◆

We're Updating the Hunters Point Shipyard Mailing List

To better serve the community regarding the Hunters Point Shipyard (HPS) environmental cleanup program, we would like to know what information you are interested in receiving. Also, the Navy is eliminating unwanted mail and outdated addresses by updating its mailing list. **Please complete the following information and return the completed form as soon as possible to ensure that you receive upcoming mailings.**

1. ☐ Yes, I wish to remain on the mailing list and I would like to receive the following (please check all that apply):
   a. ☐ Fact sheets, proposed plans, and newsletters
   b. ☐ Monthly RAB meeting agendas, minutes, and notices of upcoming meetings
2. If possible, I would prefer to receive the mailers by (please check one box and then complete all information in mailing box below):
   a. ☐ U.S. Mail
   b. ☐ E-mail
3. ☐ Yes, I have been receiving duplicate mailings
4. ☐ No, I do not wish to remain on the HPS mailing list

Mailing Box—Please provide all information:

Name _____

Organization/Company _____

Address _____

City _____ **State** _____ **Zip** _____

Telephone _____ **E-mail** _____

Are you interested in becoming a RAB member? (circle one) YES NO

Please return by U.S. Mail or FAX as follows: (1) U.S. Mail—please trifold and close flap with tape. Do not use staples to close this flyer. Mailing address is on the reverse side. (2) Fax—to Bechtel Attn: Hunters Point Shipyard CTO-007 at (619) 687-8787.

Note: HPS RAB meeting minutes and agendas will continue to be available to the public at the information repository (Bayview/Anna E. Waden Public Library, 5075 Third Street, San Francisco, CA 94124, phone (415) 715-4100) established for the HPS Installation Restoration Program and are available on the Southwest Division Naval Facilities Engineering Command (SWDIV) webpage: [http://www.efdsw.navfac.navy.mil/dep/env/PAGES/hpoint.htm].

For more information on the Installation Restoration Program at HPS, please contact Mr. Richard G. Mach, Jr., Base Realignment and Closure Environmental Coordinator and RAB Navy Co-chair at (619) 532-0913 or voice mail at (650) 244-3144.

PLACE
TAPE
HERE

MAIL TO:
Bechtel National, Inc.
Attn: Hunters Point Shipyard CTO-007
1230 Columbia Street
Suite 400
San Diego, CA 92101

fold here

fold here

PRINTED ON
RECYCLED PAPER

Hunters Point Shipyard

ENVIRONMENTAL CLEANUP NEWSLETTER

September 2000

This *Environmental Cleanup Newsletter* is the second in a new series of quarterly newsletters describing the Navy's environmental cleanup program at Hunters Point Shipyard. Each quarterly newsletter will include articles and information updating various environmental cleanup activities, project progress, and key milestones. The Navy has contracted with a local community organization for the distribution of this newsletter to those individuals on the current mailing list.

ARE YOU ON OUR MAILING LIST?

To better serve the community regarding the Hunters Point Shipyard environmental cleanup program, we would like to include you on our mailing list. We would like to know what information you are interested in receiving and how to get the information to you so please fill out and return the mailing list update form inside this newsletter.

INSIDE THIS ISSUE

Parcel B Cleanup Moving Forward

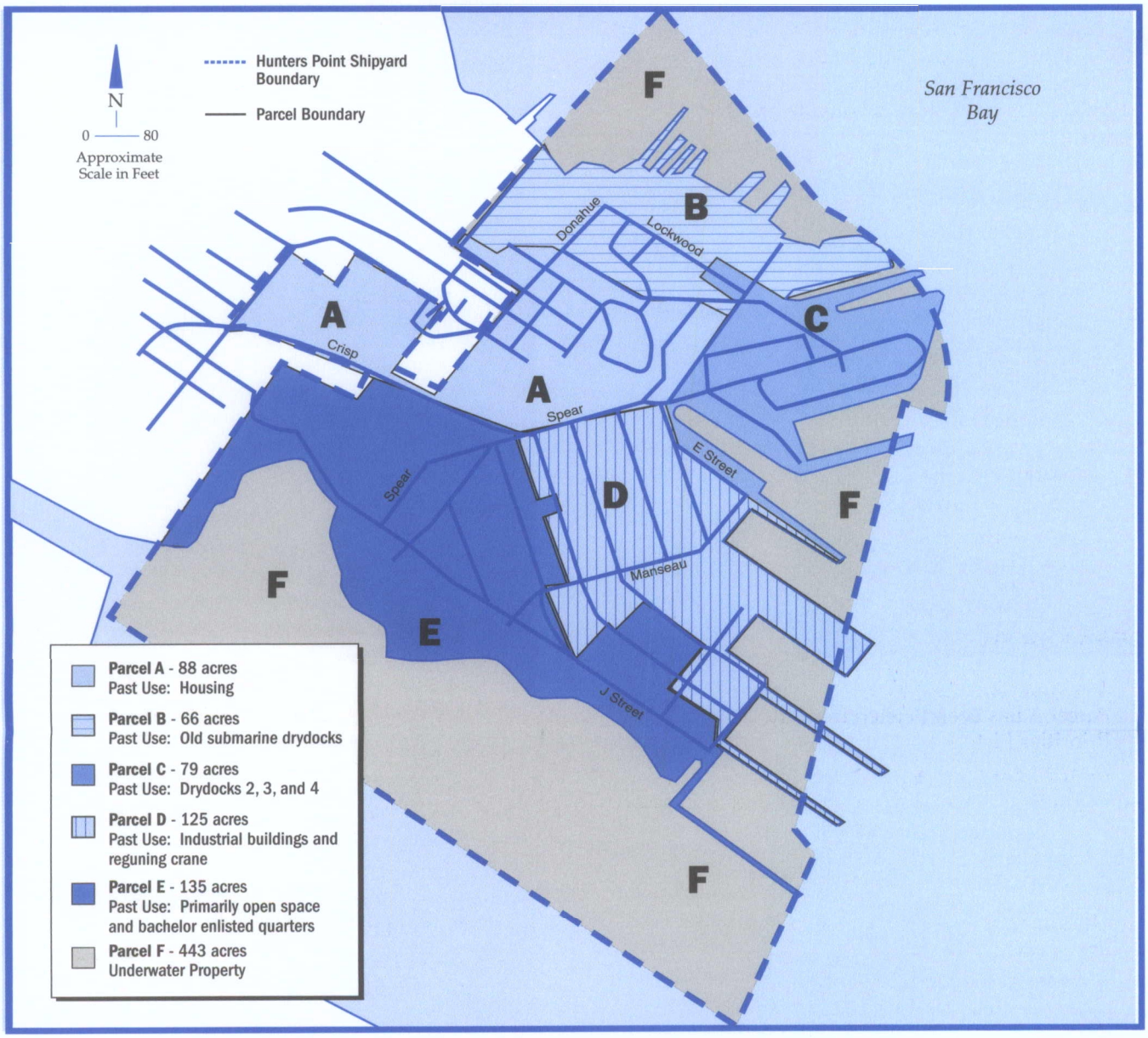
The remaining Parcel B environmental cleanup work consists of the excavation and off-site disposal of contaminated soil from 60 (of a total of 103) sites. Beginning in May 2000, the Navy began pre-excavation confirmation sampling and analysis of these sites. This sampling effort is approximately 95 percent complete with over 1,300 samples collected from the remaining sites on Parcel B. Information obtained from sampling helps the Navy determine the exact dimensions of each site and amount of soil that needs to be excavated, before excavation actually begins.

The pre-excavation confirmation sampling has resulted in delineating 16 excavation sites. Currently, the Navy is in the process of excavating 12 of these sites. The remainder of the contaminated soil at Parcel B (approximately 41,000 cubic yards) is expected to be excavated by November 2000. This soil will be transported via truck and/or rail to a licensed disposal facility. After the fieldwork is completed there are several administrative steps that must be performed. These include preparing the following reports: Remedial Action Report and the Finding of Suitability to Transfer. The Remedial Action Report presents all the results of the cleanup actions taken. The Finding of Suitability to Transfer reports on the environmental condition of the property. The Navy anticipates that Parcel B will be ready to transfer to the City of San Francisco by August 2001.

In addition to the excavation work at Parcel B, a groundwater monitoring effort is in place to assess the water quality. None of these wells have ever been used for drinking water, irrigation, or any other use. This monitoring effort was initiated in the mid-1990s and the wells have been sampled quarterly for the past year. Quarterly monitoring reports are submitted for review and the annual report is currently being prepared. This report may contain recommendations for sampling modifications for the future based on trends detected to date.

Parcel B is located in the northeast corner of the Shipyard and consists of approximately 66 acres of northeast shoreline and lowland coast. Past uses at Parcel B were primarily administrative offices, commercial buildings, warehouses, and submarine dry docks. Chemicals present at Parcel B are a result of past activities conducted at Hunters Point Shipyard. These contaminants include volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) that are common components in industrial solvents used for machinery degreasing and cleaning operations. Also present are total petroleum hydrocarbons (TPH) which are common compounds found in fuel and petroleum products. Metals present are mainly the result of sandblasting operations. Sources for these contaminants are leaks from sumps, fuel lines, above and underground storage tanks and from electrical transformers containing PCBs or polychlorinated byphenyls. Materials were also directly released to the ground from sandblasting. Other releases were made into the storm drain system.

Hunters Point Shipyard Parcel Boundaries



Installation Restoration Program Process

Preliminary Assessment/ Site Inspection (PA/SI)	Remedial Investigation (RI)	Feasibility Study (FS)	Proposed Plan/Public Comment Period	Record of Decision (ROD)/ Responsiveness Summary	Remedial Design	Remedial Action	Property Transfer and Reuse
The PA/SI results in the discovery and verification of potential sites.	The RI identifies and confirms the sources and areas of soil and groundwater contamination.	The FS identifies remedial alternatives for soil and groundwater cleanup.	The public has the opportunity to comment on the preferred remedy and other proposed alternatives.	The selected remedial alternative and responses to public comments are documented in the ROD.	Detailed specifications for the selected remedies are developed.	A qualified contractor begins the closure actions according to specifications.	A finding of suitability to transfer (FOST) is prepared.

Note: The Navy's IR Program is consistent with the guidelines outlined in CERCLA and the NCP. Interim actions or Removal Actions, may be performed at sites at any point in this process. The Navy meets on an ongoing basis with the BCT to determine ways to accelerate the cleanup of Hunters Point Shipyard.

Hunters Point Shipyard Parcel Description and Status

Hunters Point Shipyard is a 936-acre deactivated shipyard on San Francisco Bay in southeastern San Francisco. Historically, Hunters Point Shipyard has been used for private and Navy ship repair:

- 1869 – 1939: commercial drydock
- 1939: Navy acquired land
- 1939 – 1974: Ship building, repair, and maintenance; and World War II submarine servicing
- 1974 – 1976: Deactivated in 1974 and unused until 1976
- 1976 – 1986: Navy leased to private ship repair firm (Triple A Machine Shop)
- 1986 – present: Environmental investigation and restoration

Hunters Point Shipyard is divided into six parcels (Parcels A through F) to more effectively manage the cleanup effort and efficiently transfer the property to the City of San Francisco. *(See the figure on page 2.)* Although chemical contamination resulting from the Shipyard activities varies from site-to-site on each parcel, chemical contaminants at a site may include compounds present in industrial solvents, PCBs, pesticides, gasoline, diesel, motor oil, and/or metals. Following are brief descriptions of environmental investigation/cleanup activities that occurred during July-September 2000 and a look ahead at upcoming activities.

PARCEL A

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

Parcel A has been deleted from the National Priorities List.

WHAT'S NEXT?

- Transfer Parcel A to the City of San Francisco.

PARCEL B

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

July – September 2000

- Submitted a Draft Final Land Use Control Implementation Plan (LUCIP) for BCT and public review (September 5 – October 5, 2000). The LUCIP describes land-use controls associated with the site and appropriate monitoring, inspection, reporting, and enforcement protocols needed to support land-use controls for the selected remedy outlined in the Record of Decision.
- Collected over 1,300 "pre-excavation confirmation" soil samples from 60 sites as part of the continuing cleanup. Of these 60 sites, 16 sites have been completely delineated and 12 sites have been excavated. *(Please refer to page 1 for more information.)*
- Continued groundwater monitoring efforts to assess water quality, prepared quarterly report.
- Measured water levels as part of basewide effort to determine the groundwater gradient. *(Note: The groundwater gradient is used to show the direction and the speed that groundwater flows.)*

WHAT'S NEXT?

- Complete the Final LUCIP in October 2000.
- Complete cleanup of the 60 sites through November 2000.
- Continue groundwater monitoring.
- Prepare a Remedial Action Report and Finding of Suitability to Transfer.
- Transfer Parcel B to the City of San Francisco by August 2001.

PARCEL C

INVESTIGATION/CLEANUP ACCOMPLISHMENTS

July – September 2000

- Collected groundwater samples for laboratory testing and data evaluation for the groundwater data gaps investigation. Measured water levels in monitoring wells as part of the basewide effort to determine groundwater gradient.
- Prepared a workplan to conduct a soil vapor extraction (SVE) treatability study at Parcels B, C, and E. *(Please refer to page 6 for more information.)*
- Prepared a workplan to conduct a groundwater (chemical oxidation) treatability study. *(Please refer to page 6 for more information.)*

- Prepared an Action Memorandum to remove steam lines, fuel lines, and contaminated soil at Parcels C and D. *(Please refer to page 5 for more information.)*

WHAT'S NEXT?

- Conduct SVE treatability study at Parcels B, C, and E.
- Conduct groundwater (chemical oxidation) treatability study.
- Perform removal of steam lines, fuel lines and contaminated soils at Parcels C and D.
- Prepare a revised Feasibility Study, Proposed Plan, and a Record of Decision.

PARCEL D

INVESTIGATION/CLEANUP ACCOMPLISHMENTS
July – September 2000

- Collected groundwater samples for laboratory testing and data evaluation for the groundwater data gaps investigation. Measured water levels in monitoring wells as part of the basewide effort to determine groundwater gradient.
- Prepared and submitted Final Action Memorandum for remediation for low-level radiological contamination at four buildings located in Parcels D and E on August 18, 2000. *(Please refer to page 6 for more information.)*
- Prepared an Action Memorandum to remove steam lines, fuel lines, and contaminated soil at Parcels C and D. *(Please refer to page 5 for more information.)*

WHAT'S NEXT?

- Perform removal action at the four low-level radiological sites at Parcels D and E.
- Perform removal of steam lines, fuel lines and contaminated soil at Parcels C and D.
- Prepare a revised Feasibility Study, Proposed Plan, and a Record of Decision.

PARCEL E

INVESTIGATION/CLEANUP ACCOMPLISHMENTS
July – September 2000

- Prepared work plans to conduct a SVE treatability study at Parcels B, C, and E. *(Please refer to page 6 for more information.)*
- Prepared and submitted Final Action Memorandum for remediation for low-level radiological contamination at four buildings located in Parcels D and E on August 18, 2000. *(Please refer to page 6 for more information.)*
- Began investigation of landfill fire.

WHAT'S NEXT?

- Conduct SVE treatability study at Parcels B, C, and E.
- Conduct soil and groundwater data gaps investigation sampling.
- Perform removal action at the four radiological sites on Parcels D and E.
- Complete the risk management review process.
- Complete capping of the landfill fire boundary.
- Prepare a revised Feasibility Study, Proposed Plan, and a Record of Decision.

PARCEL F

INVESTIGATION/CLEANUP ACCOMPLISHMENTS
July – September 2000

- Submitted Draft Validation Study Work Plan.
- Submitted Draft Final Validation Study Work Plan for BCT and public review and comment (September 14 – October 14, 2000).

WHAT'S NEXT?

- Sediment sampling and laboratory analysis.
- Prepare a Final Validation Study Report, Feasibility Study, Proposed Plan, and a Record of Decision.

Restoration Advisory Board Meets Monthly

Hunters Point Shipyard Restoration Advisory Board (RAB) members and the interested public have been regularly informed of the cleanup work underway at the Shipyard. The RAB, composed of representatives from the community, regulatory agencies, and Navy, meets monthly to discuss Hunters Point Shipyard cleanup issues and are a focal point for exchange of information. RAB meetings are typically held on the fourth Thursday of each month from 6pm to 8pm at the Bayview Police Station Community Room. The next meeting is scheduled for October 26, 2000.

◆ Mailing List Update ◆

Are you on the Hunters Point Shipyard Mailing List?

To be placed on the Hunters Point Shipyard mailing list, please complete the following information and return the completed form as soon as possible to ensure that you receive upcoming mailings. To better serve the community regarding the Hunters Point Shipyard (HPS) environmental cleanup program, we would like to know what information you are interested in receiving. Also, the Navy is eliminating unwanted mail and outdated addresses by updating its mailing list.

1. ☐ Yes, I would like to be on the Hunters Point Shipyard mailing list and I would like to receive the following (please check all that apply):
   a. ☐ Fact sheets, proposed plans, and newsletters
   b. ☐ Monthly RAB meeting agendas, minutes, and notices of upcoming meetings
2. If possible, I would prefer to receive the mailers by (please check one box and then complete all information in mailing box below):
   a. ☐ U.S. Mail
   b. ☐ E-mail
3. ☐ Yes, I have been receiving duplicate mailings
4. ☐ No, I do not wish to remain on the Hunters Point Shipyard mailing list

Mailing Box—Please provide all information:

Name _____

Organization/Company _____

Address _____

City _____ **State** _____ **Zip** _____

Telephone _____ **E-mail** _____

Are you interested in becoming a RAB member? (circle one) YES NO

Please return by U.S. Mail or FAX as follows: (1) U.S. Mail – please trifold and close flap with tape. Do not use staples to close this flyer. Mailing address is on the reverse side. (2) Fax – to Navy CLEAN3, CTO-007, Community Relations Office at (619) 687-8787.

Note: HPS RAB meeting minutes and agendas will continue to be available to the public at the information repository (Bayview/Anna E. Waden Public Library, 5075 Third Street, San Francisco, CA 94124, phone (415) 715-4100) established for the HPS Installation Restoration Program and are available on the Southwest Division Naval Facilities Engineering Command (SWDIV) webpage: [http://www.efdsw.navfac.navy.mil/dep/env/PAGES/hpoint.htm].

For more information on the Installation Restoration Program at HPS, please contact Mr. Richard G. Mach, Jr., Base Realignment and Closure Environmental Coordinator and RAB Navy Co-chair at (619) 532-0913 or voice mail at (650) 244-3144.

PLACE
TAPE
HERE

MAIL TO:
Navy CLEAN 3, CTO-007
Community Relations Office
1230 Columbia Street, Suite 400
San Diego, CA 92101

fold here

fold here

PRINTED ON
RECYCLED PAPER

Navy Plan for Removal Actions at Parcels C and D Documented in Action Memorandum

The Navy documented plans to excavate and remove steam lines, fuel lines, and contaminated soil at Parcels C and D of Hunters Point Shipyard in a Draft Action Memorandum released for public comment on July 31, 2000. The removal action will substantially eliminate the exposure pathways of hazardous substances found in the soil. Public comments on the Action Memorandum were accepted between July 31, 2000 and August 30, 2000. Removal of steam lines, fuel lines and contaminated soil started in September 2000, after the Navy considered and addressed all public comments received.

Highlights of the proposed removal action activities for the Parcel C and D soil sites are:

- Clean inside of steam lines and fuel lines and dispose of rinse water.
- Remove approximately 45,000 feet of steam lines from utility corridors.
- Remove approximately 2,240 feet of fuel lines.
- Remove approximately 60,000 cubic yards of contaminated soil from the ground surface to a maximum depth of 10 feet.

JUNE 22, 2000 COMMUNITY OUTREACH MEETING

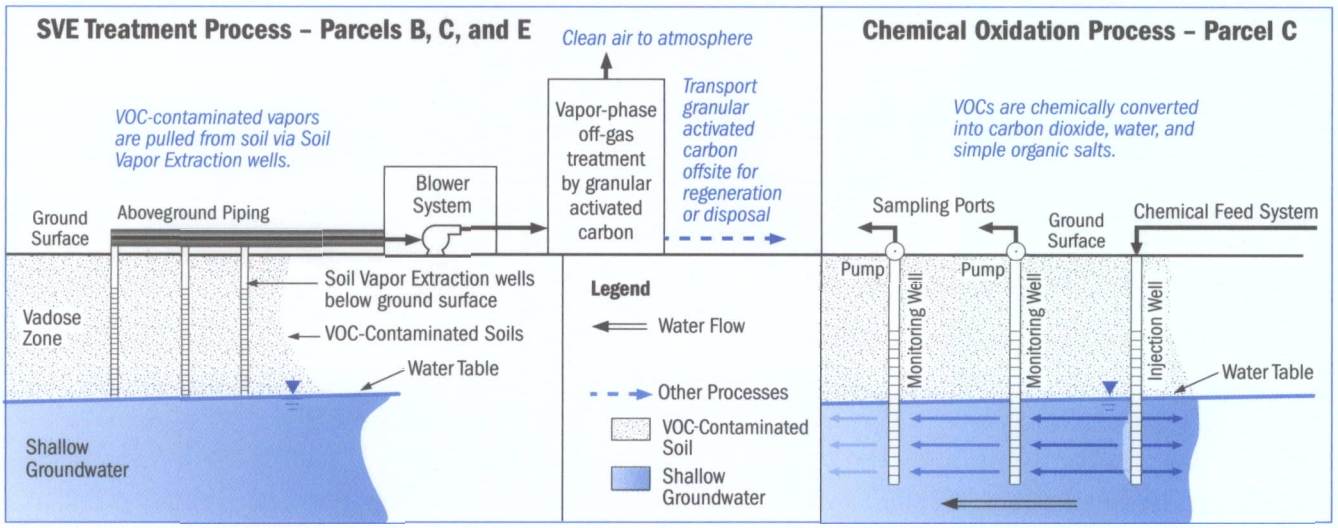
On Thursday evening, June 22, 2000, a community outreach meeting for Hunters Point Shipyard was held at the Southeast Community Facility in the Bayview community of the City of San Francisco. The Citizen's Advisory Committee (CAC) and the Project Area Committee (PAC) sponsored the meeting with the Hunters Point Shipyard Restoration Advisory Board (RAB). This meeting was a follow up to the June 3, 2000 workshop sponsored by the CAC, PAC, and RAB that focused on the environmental cleanup program at Hunters Point Shipyard.

Approximately 185 people attended the June 22nd meeting. Meeting topics included history of the Shipyard, parcel-by-parcel status, environmental cleanup process and schedules, and employment opportunities. In addition, opportunities for community participation in the cleanup were also discussed. Presentations were made by Ms. Jill Fox of the India Basin Neighborhood Association, Ms. Claire Trombadore of the U.S. EPA, Mr. Richard Mach of the Navy, Mr. Mohammed Nuru of San Francisco League of Urban Gardeners (SLUG), and Mr. Byron Rhett, from the City of San Francisco. This meeting provided the community with the opportunity to hear first-hand how the sponsoring organizations are participating in the environmental cleanup and restoration of Hunters Point Shipyard. A question and answer session followed.

Ms. Jill Fox, also a RAB Community Co-chair, said, "The turnout of nearly 200 people to a technical meeting on a beautiful summer evening shows the high interest the people of San Francisco have in the cleanup of the Hunters Point Shipyard. The goal of all three sponsoring organizations must be to continue to provide regular updates to interested citizens concerning the status of Hunters Point Shipyard cleanup efforts." Ms. Fox added that she believed the Navy and the regulators must strive to communicate to every member of the community in ways that they can understand cleanup and restoration activities.

Mr. Mach, BRAC Environmental Coordinator for Hunters Point Shipyard said, "Community participation plays an important role in the cleanup program. The Navy will continue to work more closely with the Bayview community and encourages the public to continue to provide input and express their concerns." Information provided helps the Navy make decisions regarding cleanup actions.

Treatability Studies Scheduled to Address VOC Contamination in Soil and Groundwater



Treatability studies are scheduled for the soil and groundwater at Hunters Point Shipyard in the fall (soil vapor extraction [SVE] for soil and chemical oxidation for groundwater). The SVE treatability study will take place at Parcels B, C, and E. The chemical oxidation study will be conducted at Parcel C.

Treatability studies are conducted to evaluate the effectiveness of a technology to clean up soil or groundwater at a particular site. If the technology is proven to be effective, the results can be used to design a full-scale system. If the technology is not effective, the results can be used to evaluate additional treatment alternatives so that another remedy can be selected.

SVE – Soil Treatment

The SVE treatability study will address volatile organic compounds (VOCs) in soil at Parcels B, C, and E. SVE is a widely used technology for treating VOC soil contamination in situ. SVE is a cleanup process that removes VOCs from the subsurface soil by applying a vacuum to a network of wells that pulls the VOCs from the soil through an activated carbon treatment system to remove contaminants and then clean air is discharged to the atmosphere. The effectiveness of SVE will be evaluated based on the amount of VOCs removed over time and the volume of soil that can be treated.

Chemical Oxidation – Groundwater Treatment

The chemical oxidation treatability study will address VOC contamination in the groundwater. Chemical oxidation chemically destroys VOCs in the groundwater. The VOCs are chemically converted into carbon dioxide, water, and simple organic salts. The effectiveness of chemical oxidation will be evaluated based on the amount of VOCs removed over time and the volume of groundwater that can be treated.

Parcel D and E Radiological Cleanup

In November 2000, the Navy will begin removal of low-level radiological impacted soils at four sites in Parcels D and E as described in the Final Action Memorandum dated August 18, 2000. The excavation and off-site disposal of up to 250 cubic yards of low-level radiological impacted soils and debris will be done as a proactive measure to eliminate the potential for future radiation exposure and any potential threat to human health. The removal action is scheduled to begin in November 2000 and will take approximately three to four weeks to complete.

Cleanup Employment Opportunities at Hunters Point Shipyard

The Navy and its contractors have stepped up their efforts to assist local community members in obtaining employment in the Hunters Point Shipyard cleanup program. This undertaking has involved coordination with Bayview/Hunters Point organizations to determine ways that local residents can benefit from current and future field work. IT Corporation (IT), the Navy's Remedial Action Contractor (RAC), is the prime contractor involved in the current field work activities. Methods that IT is applying to this employment drive are: directly interviewing and hiring qualified residents to work on the Shipyard cleanup; working with local and Bay area organizations that provide trained workers and coordinate employment training; and subcontracting out various services to local firms.

As a result of stepped-up direct interviewing and hiring, IT has recently hired new employees that are residents of the Bayview/Hunters Point community to work on the cleanup at the Shipyard. At present, there are five community residents working on-site at the Shipyard. IT is aggressively interviewing and anticipates hiring more employees who reside in the community. For more information contact Mr. Jim Robbins at (925) 288-2313.

In addition to direct interviewing, IT representatives have been developing an employment hiring strategy with Innovative Technical Solutions, Inc. (ITSI), a protégé firm that specializes in matching workers from small, disadvantaged businesses with large companies that require certain services. The objective of this coordinated effort is to develop an arrangement in which ITSI will hire a field labor crew of Bayview/Hunters Point community members to provide excavation backfill and compaction services at the Shipyard. The labor crew would be subcontracted by IT who requires that all employees hired through their protégé subcontractor must be local residents. ITSI can hire labor more quickly than IT.

The resources of the following two local organizations are also being utilized for hiring workers:

- Bayview Hunters Point (BVHP) Community Advocates - Contact Mr. Jesse Mason at (415) 671-2862. The BVHP Community Advocates have information on upcoming jobs. Information on qualified candidates will be forwarded to IT.
- Young Community Developers (YCD)/Superfund Job Training Initiatives (SuperJTI) Program – Contact Mr. Derek Gaskin at (415) 822-3491. The YCD/SuperJTI program provides a variety of job training opportunities for the local community.

Another example of this effort is the close communication among these local organizations. ITSI recently contacted YCD and they provided a worker with a clerical background who recently started working on the cleanup program.

IT is also subcontracting various services to local firms. These services include subcontracting work to laboratories, material suppliers, and service providers in the Bayview/Hunters Point area. IT worked with Business Development, Inc. (BDI) to obtain a list of local firms that could participate in the cleanup field work. Since June of this year, IT has issued purchase orders and contracts for over $750,000 and roughly 75 percent of that has gone to local businesses. Interested local firms should contact Mr. Jim Robbins of IT at (925) 288-2313 or Mr. Michael Williams of BDI at (415) 671-2150.

As of mid-August, IT sent out Requests for Proposal (RFPs) to 63 Bayview/Hunters Point firms for 16 separate projects pertaining to the Hunters Point Shipyard cleanup. Eighteen local firms responded to the RFPs and six local companies received subcontracts for the projects. The work includes paving, paint removal, asbestos abatement, concrete coring, compaction services, land surveying, transportation, disposal, drilling, air monitoring, asbestos/paint surveying, electrical services, underground utility surveying, underground storage tank removal, and above-ground storage tank removal. IT is continuing to send out RFPs for additional Hunters Point Shipyard cleanup work funded by the Navy.

Another Navy contractor, Tetra Tech EM, Inc., that performs environmental investigations and studies at Hunters Point Shipyard, is working with Onsite Environmental to provide field technicians. A former Bayview/Hunters Point resident is a Tetra Tech field technician working at the Shipyard.

Agencies and Organizations Involved in the Environmental Cleanup Program

CONTACT INFORMATION FOR NAVY, REGULATORY AGENCIES, AND RAB CO-CHAIRS				
Name/Title	**Organization**	**Phone**	**Address**	**E-mail**
Mr. Richard G. Mach, Jr. BRAC Environmental Coordinator	Naval Facilities Engineering Command, Southwest Division	(619) 532-0913 (650) 244-3144 Fax: (619) 532-0995	1230 Columbia St. Suite 1100 San Diego, CA 92101	machrg@efdsw.navfac.navy.mil
Mr. Dave DeMars Lead Remedial Project Manager	Naval Facilities Engineering Command, Southwest Division	(619) 532-0912 Fax: (619) 532-0995	1230 Columbia St. Suite 1100 San Diego, CA 92101	demarsdb@efdsw.navfac.navy.mil
Ms. Claire Trombadore Project Manager for Parcels A, B, and D	U.S. Environmental Protection Agency	(415) 744-2409 Fax: (415) 744-1916	75 Hawthorne Street (SFD-8-1) San Francisco, CA 94105	trombadore.claire@epa.gov
Ms. Sheryl Lauth Project Manager for Parcels C, E, and F	U.S. Environmental Protection Agency	(415) 744-2387 Fax: (415) 744-1916	75 Hawthorne Street (SFD-8-1) San Francisco, CA 94105	lauth.sheryl@epa.gov
Mr. Chein Kao Project Manager	California Department of Toxic Substances Control	(510) 540-3822 Fax: (510) 849-5285	700 Heinz Avenue Suite 200 Berkeley, CA 94710	ckao@dtsc.ca.gov
Mr. Brad Job Project Manager	California Regional Water Quality Control Board	(510) 622-2400 Fax: (510) 622-2458	1515 Clay Street Suite 1400 Oakland, CA 94612	lbj@rb2.swrcb.ca.gov
Ms. Dorothy Peterson RAB Community Co-chair	Hunters Point Resident	(415) 648-0661	c/o HPS BRAC Environmental Coordinator 1230 Columbia St. Suite 1100 San Diego, CA 92101	dotp@silcon.com

Hunters Point Shipyard Information Repositories

The Navy maintains two information repositories for Hunters Point Shipyard that contain project documents and other reference materials. The Main Library in downtown San Francisco contains most copies of the documents related to the cleanup of Hunters Point Shipyard. The Bayview/Anna E. Waden Branch Library contains copies of the major investigations for each parcel as well as documents related to more current activities. The Navy encourages you to review the documents prepared for Hunters Point Shipyard to gain a more complete understanding of the investigations.

CITY OF SAN FRANCISCO MAIN LIBRARY
Science, Technical, and Government Documents Room
100 Larkin Street
San Francisco, CA 94102
(415) 557-4500

BAYVIEW/ANNA E. WADEN BRANCH LIBRARY
5075 Third Street
San Francisco, CA 94124
(415) 715-4100